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## 8. Italian Flag

**Program Name:** Flag.java

**Input File:** flag.dat

Now that we are on a European roll, for the next problem, print out the flag of Italy using the ASCII characters G, ' ' (space), R, and '-' (dash). The flag of Italy is a rectangle divided by vertical lines into green, white and red zones, equal in width to each other. The Green and Red zones will be filled by G and R, with no boundary characters. The white zone will be spaces, bounded on the top and bottom by the hyphen (dash) character.

### Input

The first line of input will be N, the number of test cases.  $N < 10$ . Each test case will have two integers on one line. The first integer is the width, divisible by 3 and  $\geq 6$ . The second is the height,  $\geq 3$ .

### Output

For each test case, draw the flag of Italy as specified. One blank line needs to separate each output.

### Example Input

```
2
12 5
15 3
```

### Example Output

```
GGGG----RRRR
GGGG  RRRR
GGGG  RRRR
GGGG  RRRR
GGGG----RRRR
```

```
GGGGG-----RRRRR
GGGGG  RRRRR
GGGGG-----RRRRR
```